Perfect−Square Integers

$1^2 = 1$	$21^2 = 441$	$41^2 = 1681$	$61^2 = 3721$	$81^2 = 6561$
$2^2 = 4$	$22^2 = 484$	$42^2 = 1764$	$62^2 = 3844$	$82^2 = 6724$
$3^2 = 9$	$23^2 = 529$	$43^2 = 1849$	$63^2 = 3969$	$83^2 = 6889$
$4^2 = 16$	$24^2 = 576$	$44^2 = 1936$	$64^2 = 4096$	$84^2 = 7056$
$5^2 = 25$	$25^2 = 625$	$45^2 = 2025$	$65^2 = 4225$	$85^2 = 7225$
$6^2 = 36$	$26^2 = 676$	$46^2 = 2116$	$66^2 = 4356$	$86^2 = 7396$
$7^2 = 49$	$27^2 = 729$	$47^2 = 2209$	$67^2 = 4489$	$87^2 = 7569$
$8^2 = 64$	$28^2 = 784$	$48^2 = 2304$	$68^2 = 4624$	$88^2 = 7744$
$9^2 = 81$	$29^2 = 841$	$49^2 = 2401$	$69^2 = 4761$	$89^2 = 7921$
$10^2 = 100$	$30^2 = 900$	$50^2 = 2500$	$70^2 = 4900$	$90^2 = 8100$
$11^2 = 121$	$31^2 = 961$	$51^2 = 2601$	$71^2 = 5041$	$91^2 = 8281$
$12^2 = 144$	$32^2 = 1024$	$52^2 = 2704$	$72^2 = 5184$	$92^2 = 8464$
$13^2 = 169$	$33^2 = 1089$	$53^2 = 2809$	$73^2 = 5329$	$93^2 = 8649$
$14^2 = 196$	$34^2 = 1156$	$54^2 = 2916$	$74^2 = 5476$	$94^2 = 8836$
$15^2 = 225$	$35^2 = 1225$	$55^2 = 3025$	$75^2 = 5625$	$95^2 = 9025$
$16^2 = 256$	$36^2 = 1296$	$56^2 = 3136$	$76^2 = 5776$	$96^2 = 9216$
$17^2 = 289$	$37^2 = 1369$	$57^2 = 3249$	$77^2 = 5929$	$97^2 = 9409$
$18^2 = 324$	$38^2 = 1444$	$58^2 = 3364$	$78^2 = 6084$	$98^2 = 9604$
$19^2 = 361$	$39^2 = 1521$	$59^2 = 3481$	$79^2 = 6241$	$99^2 = 9801$
$20^2 = 400$	$40^2 = 1600$	$60^2 = 3600$	$80^2 = 6400$	$100^2 = 10000$

Perfect−Square Trinomials with a=1

$$(x-1)^2 \equiv x^2-2x+1 \qquad (x+1)^2 \equiv x^2+2x+1$$
$$(x-2)^2 \equiv x^2-4x+4 \qquad (x+2)^2 \equiv x^2+4x+4$$
$$(x-3)^2 \equiv x^2-6x+9 \qquad (x+3)^2 \equiv x^2+6x+9$$
$$(x-4)^2 \equiv x^2-8x+16 \qquad (x+4)^2 \equiv x^2+8x+16$$
$$(x-5)^2 \equiv x^2-10x+25 \qquad (x+5)^2 \equiv x^2+10x+25$$
$$(x-6)^2 \equiv x^2-12x+36 \qquad (x+6)^2 \equiv x^2+12x+36$$
$$(x-7)^2 \equiv x^2-14x+49 \qquad (x+7)^2 \equiv x^2+14x+49$$
$$(x-8)^2 \equiv x^2-16x+64 \qquad (x+8)^2 \equiv x^2+16x+64$$
$$(x-9)^2 \equiv x^2-18x+81 \qquad (x+9)^2 \equiv x^2+18x+81$$
$$(x-10)^2 \equiv x^2-20x+100 \qquad (x+10)^2 \equiv x^2+20x+100$$
$$(x-11)^2 \equiv x^2-22x+121 \qquad (x+11)^2 \equiv x^2+22x+121$$
$$(x-12)^2 \equiv x^2-24x+144 \qquad (x+12)^2 \equiv x^2+24x+144$$
$$(x-13)^2 \equiv x^2-26x+169 \qquad (x+13)^2 \equiv x^2+26x+169$$
$$(x-14)^2 \equiv x^2-28x+196 \qquad (x+14)^2 \equiv x^2+28x+196$$
$$(x-15)^2 \equiv x^2-30x+225 \qquad (x+15)^2 \equiv x^2+30x+225$$
$$(x-16)^2 \equiv x^2-32x+256 \qquad (x+16)^2 \equiv x^2+32x+256$$
$$(x-17)^2 \equiv x^2-34x+289 \qquad (x+17)^2 \equiv x^2+34x+289$$
$$(x-18)^2 \equiv x^2-36x+324 \qquad (x+18)^2 \equiv x^2+36x+324$$
$$(x-19)^2 \equiv x^2-38x+361 \qquad (x+19)^2 \equiv x^2+38x+361$$
$$(x-20)^2 \equiv x^2-40x+400 \qquad (x+20)^2 \equiv x^2+40x+400$$
$$(x-21)^2 \equiv x^2-42x+441 \qquad (x+21)^2 \equiv x^2+42x+441$$
$$(x-22)^2 \equiv x^2-44x+484 \qquad (x+22)^2 \equiv x^2+44x+484$$
$$(x-23)^2 \equiv x^2-46x+529 \qquad (x+23)^2 \equiv x^2+46x+529$$
$$(x-24)^2 \equiv x^2-48x+576 \qquad (x+24)^2 \equiv x^2+48x+576$$
$$(x-25)^2 \equiv x^2-50x+625 \qquad (x+25)^2 \equiv x^2+50x+625$$
$$(x-26)^2 \equiv x^2-52x+676 \qquad (x+26)^2 \equiv x^2+52x+676$$
$$(x-27)^2 \equiv x^2-54x+729 \qquad (x+27)^2 \equiv x^2+54x+729$$
$$(x-28)^2 \equiv x^2-56x+784 \qquad (x+28)^2 \equiv x^2+56x+784$$
$$(x-29)^2 \equiv x^2-58x+841 \qquad (x+29)^2 \equiv x^2+58x+841$$
$$(x-30)^2 \equiv x^2-60x+900 \qquad (x+30)^2 \equiv x^2+60x+900$$